

CODEBREAKER

Every living thing uses the same code. Three letters in a gene code for one letter in a protein. Can you break the code to work out our messages?

Here is the code:

UUU = F	UCU = S	UAU = Y	UGU = C
UUC = F	UCC = S	UAC = Y	UGC = C
UUA = L	UCA = S	UAA = space	UGA = space
UUG = L	UCG = S	UAG = space	UGG = W
CUU = L	CCU = P	CAU = H	CGU = R
CUC = L	CCC = P	CAC = H	CGC = R
CUA = L	CCA = P	CAA = Q	CGA = R
CUG = L	CCG = P	CAG = Q	CGG = R
AUU = I	ACU = T	AAU = N	AGU = S
AUC = I	ACC = T	AAC = N	AGC = S
AUA = I	ACA = T	AAA = K	AGA = R
AUG = M	ACG = T	AAG = K	AGG = R
GUU = V	GCU = A	GAU = D	GGU = G
GUC = V	GCC = A	GAC = D	GGC = G
GUA = V	GCA = A	GAA = E	GGA = G
GUG = V	GCG = A	GAG = E	GGG = G

Message 1

CCU CAC AUU UUG AUA CCG UAA CAU GAA CUG CCC GAA GAC UGA

AAC GCA ACG CAC GCU AAC GCG GAA CUU UAG AUG GAA GAG ACU UAA

UGC CAC AGA AUA AGU ACG

Message 2

AUU UAA UGU GCC AAC UAG ACG GAG CUG CUC UGA AUG UAU UAG

UUU AGA AUA GAA AAC GAC AGC UAG UGC CAC CGG AUC AGC ACG UAA

AUU AGC UAG AAA AUA AAC GGG!